

ABSTRACT OF THE DISCLOSURE

5 An air temperature exchanger installed in pipeline of cooling
coil and heat dissipation coil, comprised of a cold/hot exchange
baseboard with both sides respectively adapted to cooling liquid
10 containing cold conductor and hot conductor creating a temperature
difference on both sides of the base board; within, by means of a
pipeline, the cold conductor, the cooling coil, the hot conductor and
heat dissipation coil respectively form a closed cooling circulation
15 pipeline and heat dissipation circulation pipeline driven by a water
pump; cooling liquid in the heat dissipation pipeline flowing through
the hot air conductor to dissipate heat by heat exchange on hot contact
surface of the cold/hot exchange base board; consequently, a better
cooling function is created on the other cold contact surface to reduce
the temperature of the cooling liquid flowing through the cold
conductor; and the cooling liquid in reduced temperature passes
through the cooling coil to exchange temperature with and reduce the
ambient temperature.